



Permit #F00155046-B

FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

Summary Information

Permit No: F00155046-B

Type of Permit: FILMING

Release Date: 08/15/2019

Production Company SERIAL PICTURES LLC

Producer TRACEY BROADDUS

Insured Company Name SERIAL PICTURES LLC

Director JOHN HILLCOAT

Contact Phone No. 1 310-558-3667

1st AD PAUL NORMAN

Contact Phone No. 2

Fax

Production Manager BOB WILLIAMSON

Address 3532 HAYDEN AVE

FilmL.A. Coordinator Melissa Levine

CULVER CITY, California 90232

Location Manager ROB GREGORY

Production Title VW

Primary Phone Office - 213-618-0927

Type of Production Commercial - Standard

Secondary Phone

Location Assistant na na

Primary Phone Office - 000-000-0000

Secondary Phone

Fees

Posting 1500 \$345.00

Total Permit Fee \$1,274.00

Notification Charge \$170.00

Number of Locations 2

FILMLA NON-REFUNDABLE FILM PERMIT RIDER FEE \$111.00

LA CITY FIRE SAFETY OFFICER \$648.00



Summary Information

Location

Location 1 of 2

Page 1 of 2

Permit Number F00155046-B
Production Company SERIAL PICTURES LLC
Insured Company SERIAL PICTURES LLC
Production Title VW

Location Manager ROB GREGORY
Primary Phone Office - 213-618-0927
Secondary Phone

Location Address 10645 Rathburn Ave, Los Angeles, CA, 91326

Location Type Private Residence

Film Dates 8/17/2019 - 8/17/2019 07:00 - 12:00 1 day

Open or Closed to the Public Closed

Generic Conditions **THE CONSUMPTION OF ALCOHOLIC BEVERAGES AND THE USE OF DRUGS, INCLUDING MARIJUANA, ON LOCATION BY ANY CAST, CREW, OR INVITED GUESTS IS STRICTLY PROHIBITED.**

*LAFD UFSO: Company must contact FilmL.A. for extension of the Uniformed Fire Safety Officers' hours. During normal business hours, UFSO must also inform the LAFD Film desk of the extension.

Community Survey Obtained

Equipment staging and vehicles may park on one side of the street only.

FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity

FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA

FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level

FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).

FAA (UAS): UAS Operator must conform with all FAA Regulations

FAA: Aviation activity must conform to accepted FAA plan of activities.

FAA: Aviation activity will be conducted within normal FAA established guidelines.

FAA: Company must notify Air Operations for LAPD (213-485-2600) and LAFD (818-756-8635) at least 1/2 hour prior to activity.

FAA: LAPD Air Support Division has been notified by FILM LA of aerial activity

Must Maintain 5' Clearance on Sidewalks/Walkways

Must maintain local/emergency access

No cast or crew parking on area streets

No stopping or setting up in front of merchants or residents without prior approval

Please see attached document 155046 DRONE.pdf

Equipment on Location	Type	Quantity	Personnel on Location	Type	Quantity
	5 or 10 ton trucks	2		Cast	7
	5 Ton Truck	2		Crew	60
	Cast/Crew vehicles	60		LA City UFSO assigned	45669
	Catering Truck	1			
	Cube Trucks	5			
	Generator	1			
	Motor Homes	1			
	Picture vehicles	1			
	Vans	3			

Filming Activities Aerial Photography with remote control aircraft. (UAS); Exterior Dialogue; Exterior establishing shots; Picture car on driveway, talent loading up car, camera drone ; DRONE 7AM-12PM;

Jurisdiction Political: Los Angeles City -

Police: Los Angeles Police

Fire: Los Angeles City



Summary Information

Location

Location 1 of 2

Page 2 of 2

Permit Number F00155046-B
Production Company SERIAL PICTURES LLC
Insured Company SERIAL PICTURES LLC
Production Title VW

Location Manager ROB GREGORY
Primary Phone Office - 213-618-0927
Secondary Phone

Council District 12

Department

Thomas Guide Page: 500**Grid:** J3

Approvals LOS ANGELES CITY FIRE DEPARTMENT - FILM UNIT
LOS ANGELES CITY POLICE DEPARTMENT

Kanisha Leonard
Irene Martinez

Coordinator Note UFSO REQUIRED
8/17, 0700-1200

Coordinator Note RIDER B RELEASES LOCATION

Parking Base Camp CSUN
Location Type : 18111 Nordhoff St.,
Other Location Northridge, CA, 91330
Parking Notes
LOT - F - 10

Crew Parking CSUN
Location Type : 18111 Nordhoff St.,
Other Location Northridge, CA, 91330

Posting "No Parking" signs B/S RATHBURN AVE. - KINGSBURY ST. NORTH TO END
N/S KINGSBURY ST. - RATHBURN - ETIWANDA ST

Approximate Footage 1201 - 1500**Log Number** 251353**Date(s)** 8/17/2019 to 8/17/2019**Time(s)** 07:00 to 15:00



Summary Information

Location

Location 2 of 2

Page 1 of 2

Permit Number F00155046-B
Production Company SERIAL PICTURES LLC
Insured Company SERIAL PICTURES LLC
Production Title VW

Location Manager ROB GREGORY
Primary Phone Office - 213-618-0927
Secondary Phone

Location Address 118 Fwy, Tampa Ave, Plummer St, White Oak Ave inclusive(Excluding Fwy/Hwy, State Roads, City Parks, School and Church Property, LA River, & Special Condition Areas), Los Angeles, CA, 91324

Location Type Grid

Film Dates 8/17/2019 - 8/17/2019 07:00 - 22:00 1 day

Open or Closed to the Public Open

Generic Conditions **THE CONSUMPTION OF ALCOHOLIC BEVERAGES AND THE USE OF DRUGS, INCLUDING MARIJUANA, ON LOCATION BY ANY CAST, CREW, OR INVITED GUESTS IS STRICTLY PROHIBITED.**

*Certain service and personnel fees required by jurisdictional agencies are not collected by FilmL.A. Any such fees must be paid directly to the appropriate agency, and a separate invoice will be provided to the permittee.

All vehicles must be parked on private property

GRID: Companies may briefly set-up on a sidewalk to film a vehicle in motion. However, no stopping and setting up without the prior approval of all affected business/residence owners.

GRID: Filming activity may not exceed a two hour time frame in any location.

GRID: It is the responsibility of the permittee to be aware of Special Condition areas, which are excluded from this grid location. A complete list of Special Condition areas can be found at www.Filmla.com

GRID: Max of 5 equipment vehicles allowed, must be smaller than a 3 ton cube truck or a stake bed.

GRID: May not interfere with filming activities of production companies in possession of location-specific permits, previously scheduled special events, or existing construction projects.

GRID: Re-setting/ Adjustment of equipment while using Process trailers, Tow Dolly, Insert cars, Camera cars, Russian arm and the like, is required to be done on a basecamp lot.

Must Maintain 5' Clearance on Sidewalks/Walkways

Must maintain local/emergency access

No cast or crew parking on area streets

No interference with merchant activity.

No stopping or setting up in front of merchants or residents without prior approval

Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and the public.

Traffic control must be done in accordance w/MUTCD

Traffic Officers Required

Uniformed officers shall have a copy of the film permit in their possession and are required to confirm that all traffic control signage devices are in place.

Equipment on Location	Type	Quantity	Personnel on Location	Type	Quantity
	Camera cars	1		Cast	1
	Picture vehicles	1		Crew	14
	Vans	1		Off-Duty/Retired LAPD Officer(s)	2

Filming Activities Camera in car; Car-to-Car; Drive by; Drive ups & away; Driving shots; Exterior establishing shots; Intermittent traffic control - 2 minutes standard; Running & tow shots.;

Jurisdiction Political: Los Angeles City - Council District 12

Police: Los Angeles Police Department
Fire: Los Angeles City

Approvals LOS ANGELES CITY POLICE DEPARTMENT

Irene Martinez

Coordinator Note RIDER B RELEASES LOCATION



Summary Information

Location

Location 2 of 2

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Insured Company SERIAL PICTURES LLC

Production Title VW

Location Manager ROB GREGORY

Primary Phone Office - 213-618-0927

Secondary Phone

Parking

Base Camp

Location Type :
Other Location

CSUN

18111 Nordhoff St.,
Northridge, CA, 91330

Crew Parking

Location Type :
Other Location

CSUN

18111 Nordhoff St.,
Northridge, CA, 91330

Parking Notes

LOT - F-10

NOT FOR PERMIT

Small UAS Certificate of Registration

Name: Astraeus Aerial LLC

Manufacturer: Freefly

Model: Alta 8

Serial Number: 709915

Certificate Number: FA3LC9AKFA

Issued: 07/27/2018 Expires: 07/27/2021

A



For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Alta A - AAA08A



**Federal Aviation
Administration**

Small UAS Certificate of Registration

Name: Astraeus Aerial LLC

Manufacturer: Freefly

Model: Alta 8

Serial Number: 447474

Certificate Number: FA3R9A4FAX

Issued: 08/14/2018 Expires: 08/14/2021

B



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Alta B - AAA08B



**Federal Aviation
Administration**

UNITED STATES OF AMERICA

XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME

COREY MICHAEL GINERIS

V ADDRESS 29660 MAMMOTH LN
SANTA CLARITA CA 91387-6232

VI NATIONALITY USA

IVa D.O.B. 16 AUG 1994

SEX HEIGHT WEIGHT HAIR EYES
M 69 185 BROWN BROWN

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT

III CERTIFICATE NUMBER

3927618

X DATE OF ISSUE

11 OCT 2016

XIV

VIII

ADMINISTRATOR



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P



CITY OF LOS ANGELES REVOCABLE FILM PERMIT

AGREEMENT ASSUMING RISK OF INJURY OR DAMAGE,

WAIVER, INDEMNITY AND RELEASE OF CLAIMS

With respect to the use of unmanned aircraft systems ("UAS") in connection with the Permit, each Permittee, UAS site operator and its agents and employees must operate in accordance with federal, state and local laws protecting an individual's right to privacy. Permittee is responsible for safeguarding the privacy of patrons and neighboring property owners, agrees to abide by all privacy laws and regulations and to defend, indemnify and hold the City harmless from liability which may arise from a violation of such laws and regulations in connection with this Permit. PLEASE REMEMBER that under certain circumstances participants must be fully aware that they are being filmed. To the extent required by law, filming of people and their property shall be strictly limited to those who have consented or otherwise have agreed to be in the area where filming will take place. The City of Los Angeles is not liable for any violations of an individual's right to privacy. Permittee, including Permittee's employees, agents and sub-contractors of any tier, must assume all risk of injury resulting from the invasion of the right to privacy.

We do hereby, for ourselves, our heirs, executors, assigns and administrators:

Agree to defend, indemnify and hold harmless the City of Los Angeles, its officers, agencies and employees from any and all loss or liability for bodily injury, death, property damage, **invasion of privacy** to either party hereto or to third parties which may arise from the exercise of this Permit by Permittee or its officers, agents, employees, contractors, licensees or invitees.

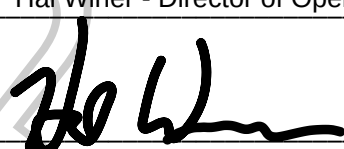
We further agree to indemnify and hold harmless the City, its officers, agencies and employees from all loss or liability, including legal costs and reasonable attorney's fees that may arise from our negligence or misconduct while participating in the above-described activities. However, neither the waiver nor the indemnity agreement applies to the gross negligence or willful misconduct of the City or its officers, agencies or employees.

Permittee is insured and shall additionally insure the City of Los Angeles for the coverages specified on the 146IR Form, as a requirement of this Permit, with the exception of professional liability (Errors and Omissions) which shall not be required. Permittee shall maintain, during the term of this Permit, evidence of insurance acceptable to CAO, Risk Management prior to Permittee's occupancy of the premises.

We hereby represent that we have carefully read this document, we understand its contents and sign it on our own free will, and we further agree to abide by all applicable safety regulations.

Name of Organization: Astraeus Aerial

Name & Title of Applicant: Hal Winer - Director of Operations

Signature: 

Date: June 25, 2018

Certificate of Achievement

This is to certify that

Corey Michael Gineris

***has successfully completed the
FAA Safety Team Aviation Learning Center Online Course***

Part 107 Small Unmanned Aircraft Systems (Small Uas) Recurrent

Course Number ALC-515

Presented by Online Courses

January 11, 2019



**Federal Aviation
Administration**

Certificate Number 0854640-20190111-00515

Valerie G. Palazzolo

Valerie G Palazzolo, National Manager, FAA Safety Team



Cut out the small certificate above and keep with your airman certificate. You should keep the remainder of this sheet in a safe place in case you lose your certificate above.

Your Name

Your faasafety.gov Registered Username

Course Completed

Course Completion Date

Course Completion Certificate Number

Corey Michael Gineris

coreygineris@gmail.com

Part 107 Small Unmanned Aircraft Systems
(Small Uas) Recurrent

January 11, 2019

0854640-20190111-00515



UAS QUESTIONNAIRE

(FOR MORE THAN 2 LOCATIONS, PLEASE USE AN ADDITIONAL FORM)

FilmL.A. Permit #: 155046

Film Date: 8/17/19 Production Title: VW#82232
 Production Company: Serial Pictures Hours of UAS Activity: 7am-noon
 Location Address: 10645 Rathburn Ave, Northridge CA 91326 Hours of UAS Activity: _____
 Location Address #2: _____
 UAS Company Name: Astraeus Aerial, LLC

UAS ON LOCATION INFORMATION 1 Primary, 1 Backup UAS

UAS Make & Model: Freefly Alta 8 UAS "N" # or registration #: FA3LC9AKFA
 UAS Make & Model: Freefly Alta 8 UAS "N" # or registration #: FA3R9A4FAX

Class of Airspace that activity will occur in: ☐ B ☐ C ☒ D ☐ E ☐ G Wavier 2019-P107-WSA-07010 attached

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS PILOT WILL BE OPERATING UNDER: ☐ 333 EXEMPTION ☒ PART 107

333 EXEMPTION REQUIREMENTS

Name of Pilot in Command: _____ Pilot's Phone #: _____
 Name of Visual Observer: _____ Visual Observer's Phone #: _____

PLEASE PROVIDE THE FOLLOWING:

- Copy of COA or Blanket COA
- Copy of Pilot's License
- Copy of POA with proof of submission to local FSDO

PART 107 REQUIREMENTS

Name of Remote Pilot: Corey Gineris Certificate #: 3927618
 Remote Pilot Phone #: 562-686-3839 Visual Observer: ☒ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Description of Planned Operations
- Copy of UAS Registration Certificate for each UAS listed above

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A.

☐ Flight over non-participants (§107.39) ☐ Flight altitude restrictions (§107.51) ☐ Night Flight (§107.29)
☐ Operating from a moving vehicle (§107.25) ☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

333 EXEMPTION

☐ INSURANCE ☐ PILOT'S LICENSE
☐ COA ☐ POA
☐ 315 TO LAFD ☐ VISUAL OBSERVER

PART 107 CERTIFICATE

☐ INSURANCE ☐ WAIVERS
☐ 315 TO LAFD ☐ DESCRIPTION OF OPS.
☐ REMOTE PILOT CERTIFICATE ☐ ATC COORDINATOR NOTE
☐ UAS REGISTRATION CERTIFICATE(S)

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	
CERTIFICATE OF WAIVER OR AUTHORIZATION	
ISSUED TO Astraeus Aerial LLC	POC PHONE NUMBER 310-907-9205
ATTN:Hal Winer	
This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.	
OPERATIONS AUTHORIZED Operations under this certificate of authorization are limited to the maximum altitude listed below. This altitude is an absolute value and it shall not be added to the height of any structures. Class of Airspace: D Night Waiver: 107W-2016-00601D At or Below: Altitudes in accordance with published Unmanned Aircraft System (UAS) Facility Map (UASFM) Under the Jurisdiction of: Van Nuys Airport Traffic Control Tower (ATCT) Airport Identifier: Van Nuys/ KVNY	
LIST OF WAIVED REGULATIONS BY SECTION AND TITLE N/A	
STANDARD PROVISIONS	
1. A copy of the application made for this certificate shall be attached and become a part hereof. 2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations. 3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein. 4. This certificate is nontransferable.	
NOTE - This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.	
SPECIAL PROVISIONS	
Special Provisions 1 to3, inclusive, are set forth in this authorization.	
This certificate 2019-P107-WSA-07010 is effective from <u>October 1, 2019</u> to <u>September 30, 2020</u> , and is subject to cancellation at any time upon notice by the Administrator or his/her authorized representative.	
BY DIRECTION OF THE ADMINISTRATOR	
FAA Western Service Area _____ (Region)	B. G. Chew _____ (Signature)
May 23, 2019 _____ (Date)	Tactical Operations Manager (AJV-W23) _____ (Title)

SPECIAL PROVISIONS

1. CONTACT INFORMATION:

- a. Hal Winer is the person designated as responsible for the overall safety of UAS operations under this Certificate of Waiver or Authorization (COA). During UAS operations for on-site communication/recall, the Responsible Person shall be continuously available for direct contact at 310-907-9205 by KVMY ATCT or designated representative.
- b. The Responsible Person listed on this Authorization must maintain a current list of pilots by name and the remote pilot certificate number(s) associated with the Authorization holder's operation. This list must be presented for inspection upon request from the Administrator or an authorized representative.

2. SCHEDULE OF FLIGHT OPERATIONS:

- a. Night operations authorized at the altitude stated in this authorization and in accordance with Special Provisions established in 14 CFR § 107.29 Daylight operation waiver [107W-2016-00601D].
- b. This airspace authorization does not relieve the remote pilots from the responsibility to check the airspace they are operating in and comply with all restrictions that may be present in accordance with see 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc.
- c. The facility may disapprove, terminate, restrict, or delay UAS flight operations covered by this authorization at any time.
- d. The operator is responsible for reviewing the published UASFM at <http://uas-faa.opendata.arcgis.com/> and scroll down and open the "Visualize It" section prior to each flight to ensure that no changes have been made to the map (i.e., altitude changes, airspace modifications, etc). If you need to operate at an altitude that is not in accordance with the published UASFM, you must apply for a new authorization requesting that altitude.

3. EMERGENCY/CONTINGENCY PROCEDURES - Lost Link/Lost Communications Procedures:

- a. If the UAS loses communications or loses its Global Positioning System (GPS) signal, the Unmanned Aircraft (UA) must return to a pre-determined location within the operating area and land.
- b. The Pilot In Command (PIC) must abort the flight in the event of unpredicted obstacles or emergencies.

ASTRAEUS

AERIAL CINEMA SYSTEM

PLAN OF ACTIVITY

For Part 107 sUAS Image-Capture Operations

Prepared By: Hal Winer – Director of Operations

Phone: 914-523-6044

PRODUCTION, EPISODE/NUMBER: "VW#82232"					
PRODUCTION COMPANY, CONTACT: Bob Williamson, Production Supervisor, (310)558-6020					
DATES AND TIMES OF OPERATION: Saturday, 8/17/19 - Daytime hours					
MAKE, MODEL, AND REGISTRATION NUMBER OF UAS(S) TO BE USED: Freefly Alta 8 Multi Rotor. 1 Primary and 1 Backup FA3LC9AKFA & FA3R9A4FAX					
REMOTE PILOT(S): Corey Gineris, Remote Pilot certificate #3927618					
VISUAL OBSERVER/ON-SCENE FLIGHT CREW CONTACT: Travis Samson (206) 604-2212					
LOCATION 1: 10645 Rathburn Ave, Porter Ranch CA 91326		LOCATION 2:		LOCATION 3:	
LAT/LONG: 34°15'51.7"N 118°31'59.8"W	OPS RADIUS: .5 NM	LAT/LONG:	OPS RADIUS:	LAT/LONG:	OPS RADIUS:
ELEVATION:	ALTITUDES: Surface to 300' AGL	ELEVATION:	ALTITUDES:	ELEVATION:	ALTITUDES:
NEAREST AIRPORT: Van Nuys		NEAREST AIRPORT:		NEAREST AIRPORT:	
LOCATION 4:		LOCATION 5:		LOCATION 6:	
LAT/LONG:	OPS RADIUS: NM	LAT/LONG:	OPS RADIUS: NM	LAT/LONG:	OPS RADIUS: NM
ELEVATION: ' MSL	ALTITUDES: Surface to 300' AGL	ELEVATION: ' MSL	ALTITUDES: Surface to 400' AGL	ELEVATION: ' MSL	ALTITUDES: Surface to 400' AGL
NEAREST AIRPORT: Van Nuys		NEAREST AIRPORT:		NEAREST AIRPORT:	

ASTRAEUS

AERIAL CINEMA SYSTEM

AIRSPACE:B ☐ C ☐ D ☒ E ☐ G ☐**AIRSPACE AUTHORIZATION (Part 107.41):**None required ☒ Number:**CERTIFICATE OF WAIVER**None required ☐ Number: 107W-2016-00601A for 107.31 (FPV), attached**PROHIBITED OR RESTRICTED AIRSPACE** Wavier 2019-P107-WSA-07010 attachedNo ☐ Authorized by: Contact info:**DESCRIPTION OF TERRAIN (boundaries, natural barriers, critical/sensitive features):**

Residential Neighborhood. Homes, suburban streets.

LOCATION MANAGER:

Rob Gregory, 213-618-0927 rgfoto5@mac.com

OWNER OR SITE REPRESENTATIVE:**DESCRIPTION OF SHOTS/SHOT LIST:**

Overhead shots of home, driveway and street.

ASTRAEUS

AERIAL CINEMA SYSTEM

SAFETY AND SECURITY PLAN:

This filming location will be closed to non-participants, and UAS operations will take place within a safety perimeter controlled by production and security personnel, with appropriate road closures and/or ITC. Flight operations will be suspended immediately if non-participants enter the safety perimeter, or if any other condition jeopardizes safety of flight. As specified in Part 107.39: operations will only take place over people if they are "located under a covered structure" or inside a "vehicle that can provide reasonable protection from a falling small unmanned aircraft."

Class ABC fire extinguishers will be available at all times.

Per the standard established in Astraeus Aerial's Section 333 *Motion Picture and Television Operations Manual*, flight crew will maintain the following:

- Non-essential production personnel will remain a minimum of 100' from flight operations.
- Essential production personnel MAY be permitted less than 100' from flight operations, upon acknowledgement of the risks involved, and only at the discretion of the Flight Crew.

PRIOR TO UAS OPERATIONS, FLIGHT CREW MUST BRIEF ALL PERSONNEL WHO WILL BE ON SET.

COMMUNICATIONS:

Voice: between PIC and Visual Observer

Radio, Primary Channel: duplex radio intercom used as necessary by Astraeus Aerial personnel

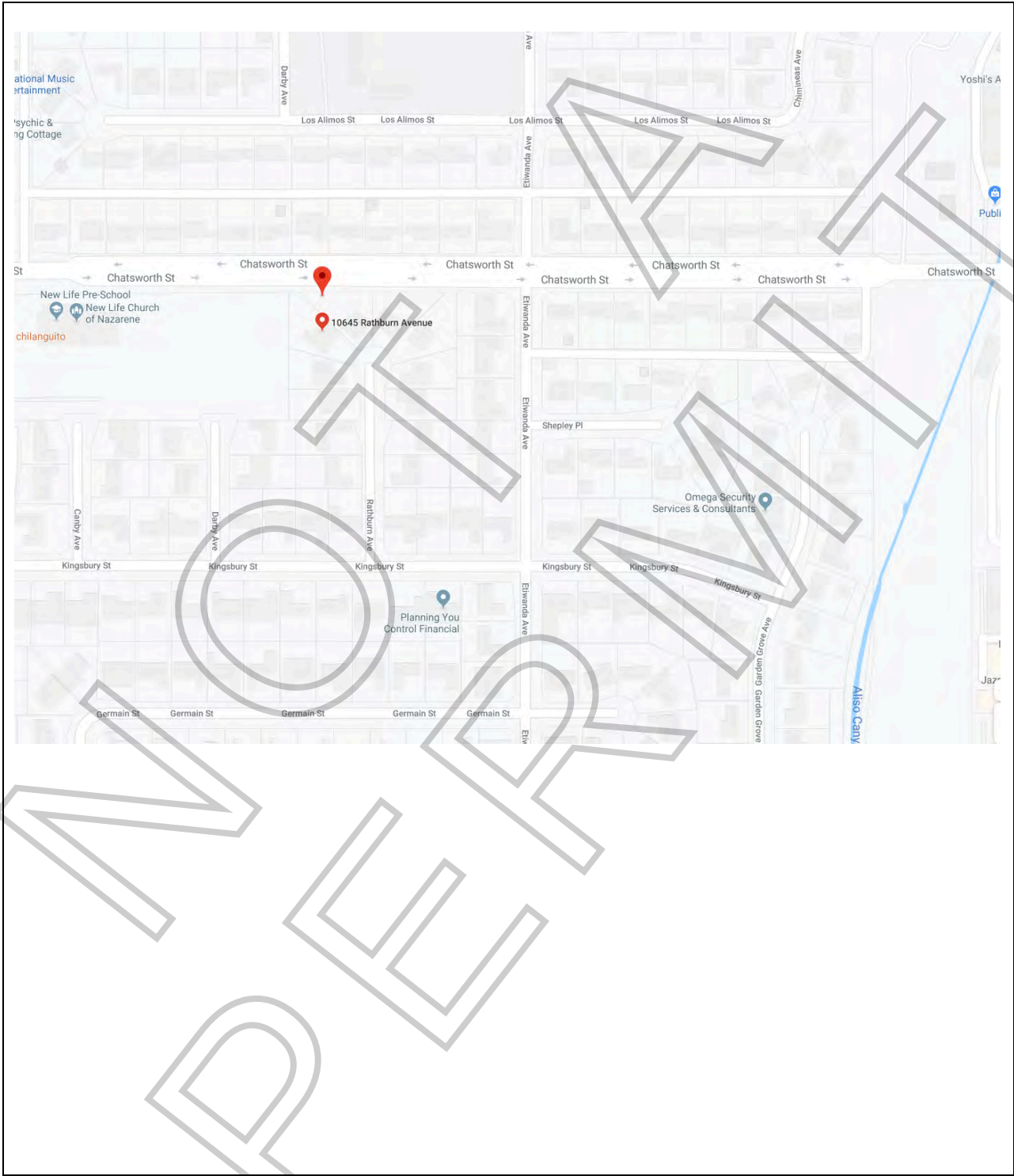
Radio, Secondary Channel: per production

PERSON RESPONSIBLE FOR SAFETY PERIMETER:

1st AD - Paul Norman (213)479-1781 baldheadman1@mac.com



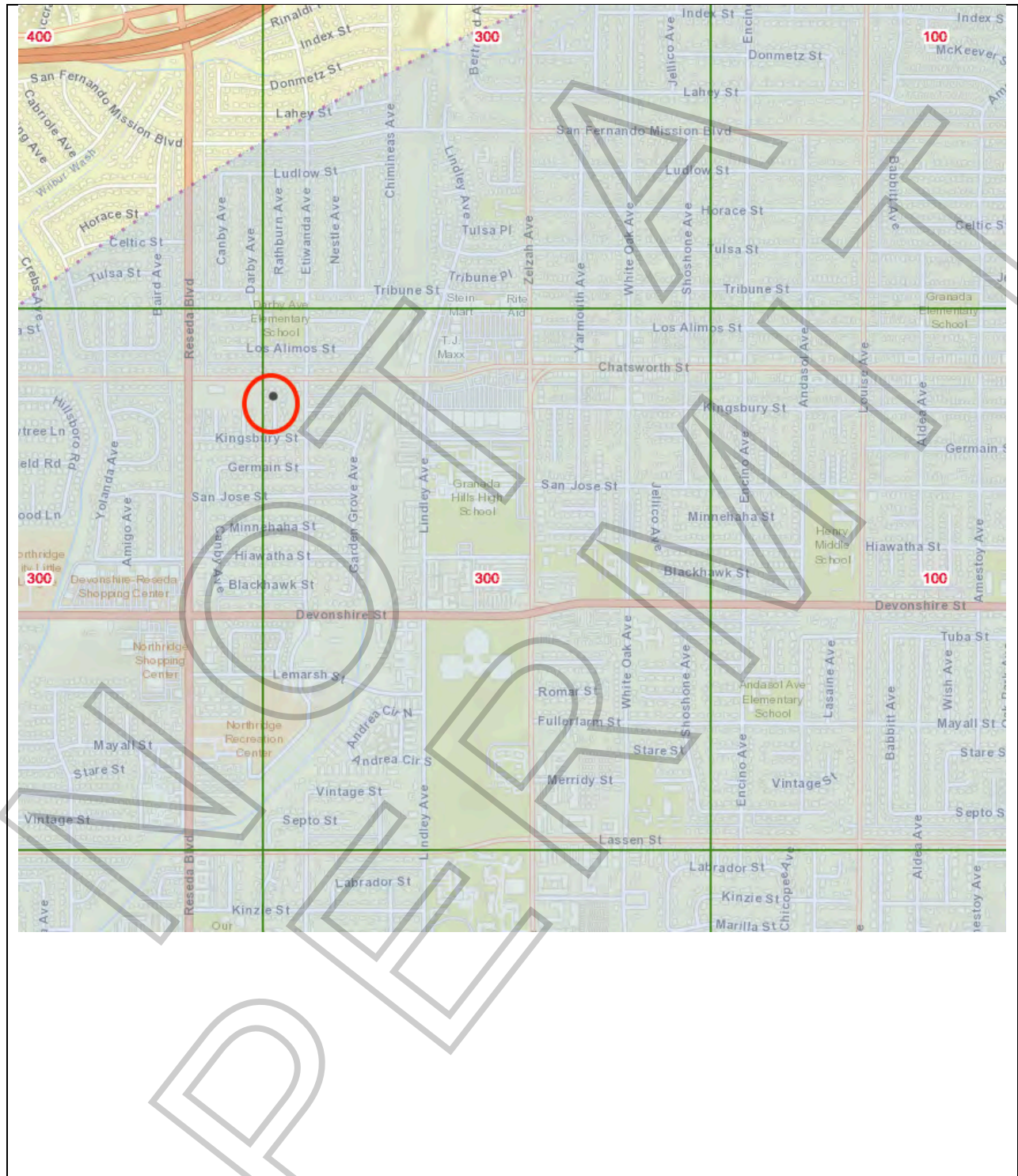
LOCATION MAPS / DIAGRAMS



ASTRAEUS

AERIAL CINEMA SYSTEM

LOCATION MAPS / DIAGRAMS



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	
CERTIFICATE OF WAIVER OR AUTHORIZATION	
ISSUED TO Astraeus Aerial LLC	POC PHONE NUMBER 310-907-9205
ATTN: Hal Winer	
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OPERATIONS AUTHORIZED Operations under this certificate of authorization are limited to the maximum altitude listed below. This altitude is an absolute value and it shall not be added to the height of any structures. Class of Airspace: D Night Waiver: 107W-2016-00601D At or Below: Altitudes in accordance with published Unmanned Aircraft System (UAS) Facility Map (UASFM) Under the Jurisdiction of: Van Nuys Airport Traffic Control Tower (ATCT) Airport Identifier: Van Nuys/ KVNY	
LIST OF WAIVED REGULATIONS BY SECTION AND TITLE N/A	
STANDARD PROVISIONS	
1. A copy of the application made for this certificate shall be attached and become a part hereof. 2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations. 3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein. 4. This certificate is nontransferable.	
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BY DIRECTION OF THE ADMINISTRATOR	
FAA Western Service Area _____ (Region)	B. G. Chew _____ (Signature)
May 23, 2019 _____ (Date)	Tactical Operations Manager (AJV-W23) _____ (Title)

SPECIAL PROVISIONS

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2. SCHEDULE OF FLIGHT OPERATIONS:

- a. Night operations authorized at the altitude stated in this authorization and in accordance with Special Provisions established in 14 CFR § 107.29 Daylight operation waiver [107W-2016-00601D].
- b. This airspace authorization does not relieve the remote pilots from the responsibility to check the airspace they are operating in and comply with all restrictions that may be present in accordance with see 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc.
- c. The facility may disapprove, terminate, restrict, or delay UAS flight operations covered by this authorization at any time.
- d. The operator is responsible for reviewing the published UASFM at <http://uas-faa.opendata.arcgis.com/> and scroll down and open the "Visualize It" section prior to each flight to ensure that no changes have been made to the map (i.e., altitude changes, airspace modifications, etc). If you need to operate at an altitude that is not in accordance with the published UASFM, you must apply for a new authorization requesting that altitude.

3. EMERGENCY/CONTINGENCY PROCEDURES - Lost Link/Lost Communications Procedures:

- a. If the UAS loses communications or loses its Global Positioning System (GPS) signal, the Unmanned Aircraft (UA) must return to a pre-determined location within the operating area and land.
- b. The Pilot In Command (PIC) must abort the flight in the event of unpredicted obstacles or emergencies.